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1 [Web page revisitation revisited: implications of a long-term click-stream study of browser usage](#)



Hartmut Obendorf, Harald Weinreich, Eelco Herder, Matthias Mayer

April 2007 CHI '07: Proceedings of the SIGCHI conference on Human factors in computing system

Publisher: ACM

Full text available: [pdf\(365.77 KB\)](#)[Additional Information: full citation, abstract, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 445, Citation Count: 0

This paper presents results of an extensive long-term click-stream study of Web browser usage. Focusing on character and challenges of page revisitation, previous findings from seven to thirteen years ago are updated. The term *page re-visit* had ...

Keywords: WWW, history, hypertext, navigation, recurrence rate, revisitation, web browser interfaces, web browsing

2 [Paranoid penguin: single sign-on and the corporate directory, Part II](#)

Ti Leggett

January 2006 Linux Journal, Volume 2006 Issue 141

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(21.31 KB\)](#)[Additional Information: full citation, abstract, index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 82, Citation Count: 0

2

3 [An architecture for easy Web page updating](#)



John Aycock, Michael Levy

November 1999 Crossroads, Volume 6 Issue 2

Publisher: ACM

Full text available: [pdf\(74.99 KB\)](#) [html\(30.18 KB\)](#) [Additional Information: full citation, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

4 [Evaluating multiple attribute items using queries](#)



Vijay S. Iyengar, Jon Lee, Murray Campbell

October 2001 EC '01: Proceedings of the 3rd ACM conference on Electronic Commerce

Publisher: ACM

Full text available: pdf(173.25 KB)

Additional Information: full citation, abstract, references, cited by, index term

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 34, Citation Count: 3

The task of evaluating and ranking items with multiple-attributes appears in many guises in commerce. Examples include evaluating responses to a request for quotes (RFQ) for some item comparison shopping for an item within one or more catalogs. This ...

5 [Just-in-time recovery of missing web pages](#)



Terry L. Harrison, Michael L. Nelson

August 2006 HYPERTEXT '06: Proceedings of the seventeenth conference on Hypertext and hypermedia

Publisher: ACM

Full text available: pdf(911.47 KB)

Additional Information: full citation, abstract, references, cited by, index term

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 55, Citation Count: 2

We present Opal, a light-weight framework for interactively locating missing web pages (http status code 404). Opal is an example of "in vivo" preservation: harnessing the collective behavior of web archives, commercial search engines, and research projects ...

Keywords: 404 web pages, apache web server, digital preservation

6 [Using web structure for classifying and describing web pages](#)



Eric J. Glover, Kostas Tsoutsoulouklis, Steve Lawrence, David M. Pennock, Gary W. Flake

May 2002 WWW '02: Proceedings of the 11th international conference on World Wide Web

Publisher: ACM

Full text available: pdf(136.12 KB)

Additional Information: full citation, abstract, references, cited by, index term

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 178, Citation Count: 30

The structure of the web is increasingly being used to improve organization, search, and analysis information on the web. For example, Google uses the text in citing documents (documents that link to the target document) for search. We analyze the ...

Keywords: SVM, anchor text, classification, cluster naming, entropy based feature extraction, evaluation, web directory, web structure

7 [Multiple-signal duplicate detection for search evaluation](#)



Scott Huffman, April Lehman, Alexei Stolboushkin, Howard Wong-Toi, Fan Yang, Hein Roehrig

July 2007 SIGIR '07: Proceedings of the 30th annual international ACM SIGIR conference on Research and development in information retrieval

Publisher: ACM

Full text available: pdf(183.50 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 288, Citation Count: 0

We consider the problem of duplicate document detection for search evaluation. Given a query and a small number of web results for that query, we show how to detect duplicate web documents with precision ~ 0.91 and recall ~ 77. In contrast, Charikar's ...


Keywords: compression distance, duplicate detection, machine learning, search evaluation, similarity hash, web search

8 [Informative 3D visualization of multiple protein structures](#)

Paulo Lai, Warren Kaplan, W. Bret Church, Raymond K. Wong

January 2004 APBC '04: Proceedings of the second conference on Asia-Pacific bioinformatics
Volume 29, Volume 29

Publisher: Australian Computer Society, Inc.

Full text available:  [pdf\(462.69 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 65, Citation Count: 0

With the continued growth of three dimensional structural information databases comes a corresponding increase in interest in this data for the study of new sequences and an ever-increasing incentive to improve automatic structure annotation methods. ...

Keywords: 3D Visualization, BLAST, Biopython, PyMol

9 [Effective page refresh policies for Web crawlers](#)

Junghoo Cho, Hector Garcia-Molina

December 2003 ACM Transactions on Database Systems (TODS), Volume 28 Issue 4

Publisher: ACM

Full text available:  [pdf\(345.52 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 193, Citation Count: 6

In this article, we study how we can maintain local copies of remote data sources "fresh," when source data is updated autonomously and independently. In particular, we study the problem of *Web crawlers* that maintain local copies of remote ...

Keywords: Web crawlers, page refresh, web search engines, world-wide web

10 [Honey@home: a new approach to large-scale threat monitoring](#)

Spiros Antonatos, Kostas Anagnostakis, Evangelos Markatos

November 2007 WORM '07: Proceedings of the 2007 ACM workshop on Recurring malware

Publisher: ACM

Full text available:  [pdf\(413.17 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 32, Downloads (12 Months): 135, Citation Count: 0

Honeypots have been shown to be very useful for accurately detecting attacks, including zero-day threats, at a reasonable cost and without false positives. However, there are two pressing problems with existing approaches. The first problem is that timely ...


Keywords: Honey@home, Honeypots, network security, packet forwarding

11 [Detecting web page structure for adaptive viewing on small form factor devices](#)

Yu Chen, Wei-Ying Ma, Hong-Jiang Zhang

May 2003 WWW '03: Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available:  [pdf\(3.64 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 209, Citation Count: 36

Mobile devices have already been widely used to access the Web. However, because most available web pages are designed for desktop PC in mind, it is inconvenient to browse these large web pages on a mobile device with a small screen. In this paper, we ...

Keywords: adaptive hypermedia, content adaptation, mobile browser

12 [Automatic detection of fragments in dynamically generated web pages](#)



Lakshmi Ramaswamy, Arun Iyengar, Ling Liu, Fred Douglass

May 2004 WWW '04: Proceedings of the 13th international conference on World Wide Web

Publisher: ACM

Full text available: pdf(268.12 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 82, Citation Count: 12

Dividing web pages into fragments has been shown to provide significant benefits for both content generation and caching. In order for a web site to use fragment-based content generation, however, good methods are needed for dividing web pages into fragments. ...

Keywords: L-P fragments, dynamic content caching, fragment detection, fragment-based caching, shared fragments

13 [Detecting age of page content](#)



Adam Jatowt, Yukiko Kawai, Katsumi Tanaka

November 2007 WIDM '07: Proceedings of the 9th annual ACM international workshop on Web information and data management

Publisher: ACM

Full text available: pdf(577.44 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 58, Citation Count: 0

Web pages often contain objects created at different times. The information about the age of such objects may provide useful context for understanding page content and may serve many potential uses. In this paper, we describe a novel concept for detecting ...

Keywords: age detection, document annotation, metadata, web archive

14 [Synchronizing clipboards of multiple computers](#)



Robert C. Miller, Brad A. Myers

November 1999 UIST '99: Proceedings of the 12th annual ACM symposium on User interface software and technology

Publisher: ACM

Full text available: pdf(24.19 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 37, Citation Count: 5

This paper describes a new technique for transferring data between computers, the synchronize clipboard. Multiple computers can share a synchronized clipboard for all clipboard operations, so that data copied to the clipboard from one ...

Keywords: Java, Pebbles, data transfer, distributed systems, drag-and-drop, file transfer, network clipboard, pick-and-drop, synchronized clipboard, ubiquitous computing

15 [User-assisted similarity estimation for searching related web pages](#)



Lin Li, Zhenglu Yang, Kulwadee Somboonviwat, Masaru Kitsuregawa

September 2007 HT '07: Proceedings of the 18th conference on Hypertext and hypermedia

Publisher: ACM

Full text available: pdf(251.81 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 108, Citation Count: 0

To utilize the similarity information hidden in the Web graph, we investigate the problem of adaptively retrieving related Web pages with user assistance. Given a definition of similarities between pages, it is intuitive to estimate that any similarity ...

Keywords: clustering, graph partitioning, similarity search

16 Automation and customization of rendered web pages



Michael Bolin, Matthew Webber, Philip Rha, Tom Wilson, Robert C. Miller

October 2005 UI ST '05: Proceedings of the 18th annual ACM symposium on User interface software and technology

Publisher: ACM

Full text available: pdf(804.45 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index term](#)

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 174, Citation Count: 13

On the desktop, an application can expect to control its user interface down to the last pixel, but the World Wide Web, a content provider has no control over how the client will view the page, or delivered to the browser. This creates an opportunity ...

Keywords: web automation, web browsers

17 Regaining single sign-on taming the beast



Divyangi Anchan, Mahmoud Pegah

September 2003 SIGUCCS '03: Proceedings of the 31st annual ACM SIGUCCS conference on User services

Publisher: ACM

Full text available: pdf(217.34 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 120, Citation Count: 0

It has been our effort at Ringling school to provide our campus community with the capability to uniformly access resources across multiple platforms. Empowering the user with a single sign-on capability has multifold benefits. It greatly improves user ...

Keywords: LDAP, RPC, account synchronization, active directory (AD), active directory service interfaces (ADSI), password synchronization, single sign-on

18 Transparent Java standard extensions with native libraries on multiple platforms

Pierre A. I. Wijkman, Mitra Wijkman, Suru Dissanaike

June 2003 PPPJ '03: Proceedings of the 2nd international conference on Principles and practice of programming in Java

Publisher: Computer Science Press, Inc.

Full text available: pdf(89.12 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 53, Downloads (12 Months): 328, Citation Count: 0

Java programs that utilize standard extensions with native libraries are problematic since the extensions are platform dependent. We present general methods that make such programs runnable on multiple platforms in a way that is transparent to the user. ...

Keywords: Java, multiple platforms, native libraries

19 Utilizing hyperlink transitivity to improve web page clustering

Jingyu Hou, Yanchun Zhang

January 2003 ADC '03: Proceedings of the 14th Australasian database conference - Volume

Volume 17

Publisher: Australian Computer Society, Inc.

Full text available:  pdf(104.31 KB) Additional Information: full citation, abstract, references, cited by, index term

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 60, Citation Count: 1

The rapid increase of web complexity and size makes web searched results far from satisfaction many cases due to a huge amount of information returned by search engines. How to find intrinsic relationships among the web pages at a higher level to ...

Keyw ords: hyperlink analysis, web clustering, web page similarity, world wide web

20 [Estimating rates of rare events at multiple resolutions](#)



Deepak Agarwal, Andrei Zary Broder, Deepayan Chakrabarti, Dejan Diklic, Vanja Josifovski, Maysse Sayyadian

August 2007 KDD '07: Proceedings of the 13th ACM SIGKDD international conference on Knowledge discovery and data mining

Publisher: ACM

Full text available:  pdf(1.27 MB)  mov(17:35 Min) Additional Information: full citation, abstract, references, index te

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 314, Citation Count: 0

We consider the problem of estimating occurrence rates of rare eventsfor extremely sparse data using pre-existing hierarchies to perform inference at multiple resolutions. In particular, we focu the problem of estimating click rates for (webpage, ...

Keyw ords: clickthrough rate, contextual matching, hierarchy, imputation, internet advertising, maximum entropy, tree-structured markov model

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